



MINOS+ Status Report



Donatella Torretta
All Experimenters' Meeting
October 5, 2015



ND/FD detectors' readiness



FD – all shutdown's work done : ready to take data

- Failed TCU board last week, installed spare
 - Will try to repair the failed one

ND – all shutdown's work done: ready to take data

- Magnet is ON
- Booster pump #1 seems to be running fine since the temperature threshold was increased
- New LCW control valve installed but needs PLC firmware upgrade to be fully integrated (now is always open, ie like old system)
- Master crates fan packs filters & front racks filters will be installed as opportunities arise
- All hot Minder channels have been fixed



ND/FD latest DAQ work



- Installed and configured a DCS hot spare computer, minos-dcs03-nd
- Installed and configured a new DAQ computer, minos-daq26-nd, as production node (minos-daq20-nd is now hot spare)
- These computers have been installed in the closed DAQ rack: being 'shorter' than the old models, they allow more air flow inside the rack and this lowered the temp inside the rack of about 5 C, to a comfortable 36 C.
- Installed proper Gigabit Ethernet spec cables (CAT 6) to help alleviate (rare) DAQ upsets
- Installed new virtual Windows machine on Linux host at ND (needed by DCS field points readout)

FD

- Installed new virtual Windows machine on Linux host at FD (needed by DCS field points readout)
- No spares DCS machines right now, but could repurpose one of the retired daq computers for this
- **All main DAQ and servers applications have been running for days**
- **Many thanks to Bill Badgett for his work and to the ECF/SLAM group, lead by Rennie Scott, for their extensive and valuable help!**



Others



New ROCs

- Certified Austin, TX last week
- Certifying Cincinnati, OH this week
- A grand total of 9 ROCs